

Title (en)

POWER SUPPLY WITH MECHANICAL CONNECTIONS

Title (de)

STROMVERSORGUNG MIT MECHANISCHEN VERBINDUNGEN

Title (fr)

ALIMENTATION ÉLECTRIQUE AVEC DES CONNEXIONS MÉCANIQUES

Publication

EP 3855577 A1 20210728 (EN)

Application

EP 21161350 A 20140624

Priority

- US 201313924948 A 20130624
- EP 14740082 A 20140624
- US 2014043831 W 20140624

Abstract (en)

A power assembly comprises a track that includes one or more conductive materials and one or more mechanical connection plates, and a power connector assembly, wherein one or more power connector contacts of the power connector assembly connect to the one or more conductive materials of the track to provide a low voltage power connection and a mechanical connector of the power connector assembly cooperates and engages the one or more mechanical connection plates of the track to form a mechanical connection. The power connector assembly provides low voltage power through the track to a low voltage power device, for example an LED lighting system for a merchandise display system.

IPC 8 full level

H01R 13/62 (2006.01); **H01R 13/627** (2006.01); **H01R 25/14** (2006.01)

CPC (source: EP)

H01R 13/6205 (2013.01); **H01R 13/6271** (2013.01); **H01R 25/147** (2013.01)

Citation (applicant)

- US 201113162076 A 20110616
- US 95519810 A 20101129

Citation (search report)

- [XYI] US 2009279298 A1 20091112 - MIER-LANGNER ALEJANDRO [US], et al
- [Y] WO 0024297 A1 20000504 - ESTEE LAUDER INC [US], et al

Designated contracting state (EPC)

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DOCDB simple family (publication)

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